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Smith, Dirk E.

<130> 03260.0088-00304

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<151> 1998-12-14

<151> 1999-11-10

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<170> PatentIn Ver. 2.0

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<211> 579

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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 35 40 45
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 Asp Lys Asp Lys Gly Gln Ser His Pro Ser Leu Gln Leu Lys Lys Glu
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Val	Arg	Ile	Lys	Cys	Ala	Leu	Phe	Tyr	Gly	Tyr	Ile	Arg	Thr	Asn	Tyr
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Tyr	Val	Val	Arg	Arg	Gly	Trp	Ser	Ile	Phe	Glu	Leu	Glu	Thr	Arg	Leu
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 545 550 555 560
 Phe Lys Arg Ile Glu Pro Ile Thr His Glu Gln Ala Leu Asp Val Ser
 565 570 575
 Glu Gln Gly Pro Phe Gly Glu Leu Gln Thr Val Ser Ala Ile Ser Met
 580 585 590
 Ala Ala Ala Thr Ser Thr Ala Leu Ala Thr Ala His Pro Asp Leu Arg
 595 600 605
 Ser Thr Phe His Asn Thr Tyr His Ser Gln Met Arg Gln Lys His Tyr
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 Tyr Arg Ser Tyr Glu Tyr Asp Val Pro Pro Thr Gly Thr Leu Pro Leu
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 Thr Ser Ile Gly Asn Gln His Thr Tyr Cys Asn Ile Pro Met Thr Leu
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 Ile Asn Gly Gln Arg Pro Gln Thr Lys Ser Ser Arg Glu Gln Asn Pro
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<212> DNA

<213> Homo sapiens

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          35             40            45
Ser Pro Lys Val Lys Asn Leu Asn Pro Lys Lys Phe Ser Ile His Asp
          50             55            60
Gln Asp His Lys Val Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val
          65             70            75            80
Pro Asp Lys Asn Tyr Ile Arg Pro Glu Ile Phe Phe Ala Leu Ala Ser
          85             90            95
Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly Ser Pro Ile Leu Leu Gly
          100            105            110
Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp Lys Gly Gln
          115            120            125
Ser His Pro Ser Leu Gln Leu Lys Lys Glu Lys Leu Met Lys Leu Ala
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Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe Ile Phe Tyr Arg Ala Gln
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Val Gly Ser Trp Asn Met Leu Glu Ser Ala Ala His Pro Gly Trp Phe
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Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val Thr Asp Lys
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Ala Glu Met Ser Pro Ser Glu Val Ser Asp
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<213> Homo sapiens

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<400> 10

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35 40 45
Leu Leu Gly Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp
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Lys Gly Gln Ser His Pro Ser Leu Gln Leu Lys Lys Glu Lys Leu Met
65 70 75 80
Lys Leu Ala Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe Ile Phe Tyr
85 90 95
Arg Ala Gln Val Gly Ser Trp Asn Met Leu Glu Ser Ala Ala His Pro
100 105 110
Gly Trp Phe Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val
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<210> 11

<211> 8

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: antigenic
peptide used in fusion proteins

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<211> 27

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: leucine zipper
polypeptide

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: leucine zipper
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Arg															

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<211> 8

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: polymorphic
sequence from exon 2 of Tango 77

09876790-060604

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<210> 15

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: polymorphic
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0986740-060691